

## ABSTRACT OF THE DISCLOSURE

The invention provides a variable nozzle control apparatus for a turbocharger in an engine comprising: a variable nozzle having a vane; an engine ECU for  
5 identifying an operating situation of the engine by detected outputs of sensors in the engine and outputting a control signal; and an electronic control actuator for controlling an opening of the vane in response to the control signal transmitted from the engine ECU, wherein  
10 the electronic control actuator includes an electronic control circuit section for receiving an opening indication information of the vane from the engine ECU and outputting an output signal; a driving section for receiving the output signal from the electronic control  
15 circuit and driving the vane of the variable nozzle through an output shaft; and an angle sensor for detecting a rotation angle of the output shaft to output an actual angle signal of the output shaft to the electronic control circuit.